

A b s t r a c t

Disclosed is a protein having a splicing factor activity in plants, which

- 5 @comprises the amino acid sequence of the protein according
 to Fig. 1A, or
 @comprises the sequence of the amino acids 1 to 4, 7 to 19,
 45 to 52, 111 to 116, and 149 to 153 of the protein
 according to Fig. 1A and has more than 85% similarity
10 with this protein, or
 @comprises more than 60% similarity with the splice
 proteins atSRp34/SR1 and SF2/ASF according to Fig. 2,
 wherein the G-rich sequence, which corresponds to the
 amino acids 85 to 113 of the atSRp34/SR1 protein is
15 substituted by an S-rich sequence, or
 @corresponds to, or is derived from, the protein
 corresponding to Fig. 1A from a plant other than
 Arabidopsis thaliana.

20 Fig. 1